





TREAM = 1050 mm

- ② IF MORE THAN ONE TRANSVERSE JOINT IS REQUIRED. SEE STANDARD SHEET M703.82 FOR DETAILS.
- 3 D2 BAR LENGTH EACH SIDE OF & WALLS = 48 BAR DIAMETERS OR 1/4 (CLEAR SPAN) (USE GREATER).
- $\bigoplus_{\text{M703.37.}}$ DETAILS AND REINFORCEMENT IN WINGS, SEE STANDARD SHEET
- SUSE THESE BARS FOR DESIGN FILLS OF MORE THAN 610 mm.
- 6 USE THESE BARS FOR DESIGN FILLS DF 610 mm OR LESS.
- (*) #25 (3 m < CLEAR SPAN ≤ 4 m) #29 (4 m < CLEAR SPAN) OTHERWISE D2 BAR SHALL NOT BE USED.
- (**) VARIES 300 mm MAXIMUM
- (*****) USE TRANSVERSE JOINT WHEN BARREL IS OVER 25 METERS LONG BETWEEN HEADWALLS. USE ADDITIONAL TRANSVERSE JOINTS TO PROVIDE 15 METERS MAXIMUM SPACING BETWEEN JOINTS.

DISTANCE BETWEEN INSIDE FACE OF HEADWALL AND TRANSVERSE JOINT SHALL NOT BE LESS THAN 1000 mm.

(********) J4 BAR SPACING

GENERAL NOTES:

DESIGN UNIT STRESSES: CLASS B-1 CONCRETE, f'c = 28 MPq REINFORCING STEEL (GRADE 420), fy = 420 MPq

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.
FOR DIMENSIONS AND SIZE AND SPACING OF REINFORCING STEEL. SEE STANDARD SHEET MYD3.85.

STANDARD SHEET M703.85.

LAP ALL LONGITUDINAL BARS A MINIMUM OF 610 mm AT SPLICES.

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 40 mm UNLESS OTHERWISE SHOWN.

PREFORMED FIBER EXPANSION JOINT MATERIAL SHALL BE SECURELY STITCHED TO DUE FACE OF THE CONCRETE WITH 3.5 MM DIA. (10 GAGE) COPPER WIRE DR 2.8 mm DIA. (12 GAGE) SOFT DRAWN GALVANIZED STEEL WIRE.

BEVELED HEADWALL TO BE LOCATED AT UPSTREAM END.

A FILTER CLOTH 1 METER IN WIDTH AND DOUBLE THICKNESS SHALL BE APPLIED TO ALL TRANSVERSE JOINTS IN THE TOP SLAB AND SIGNMALS. THE MATERIAL SHALL BE CENTERED ON THE JOINT AND THE EDGES SEALED WITH A MASTIC OR WITH TWO SIDED TAPE. THE FILTER CLOTH SHALL BE A GEDIETILE MEETING THE APPROVAL OF THE ENGINEER AND HAVING A GREEN LINSTEE PRINCH OF SOIL OF THE STAND HAVE A SHALL WITH A SHALL WAS A SHALL WITH A SHALL WAS A SHALL WAS A SHALL WAS A SHALL WAS THE STAND HAVE A SHALL WAS A SHALL WAS THE FILTER CLOTH WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT WITH PRICE OF OTHER TIEMS.

FOR MORE DETAILS AND SECTION THROUGH BOX. SEE M703.80 SHEET 2 OF 2.



